SANITARY SEWAGE DISPOSAL AND WATER SUPPLY POLICIES

Amendment No. 2
To The Official Plan For The Halton Planning Area

THE REGIONAL MUNICIPALITY OF
Halton

May 1982

AMENDMENT NO. 2 TO THE OFFICIAL PLAN FOR THE HALTON PLANNING AREA

May, 1982

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Introduction

Part A - The Preamble does not constitute part of the Amendment.

Part B - The Amendment, consisting of the following text, constitutes Amendment No. 2 to the Official Plan for the Halton Planning Area.

Part C - The Appendices does not constitute part of the Amendment. These Appendices contain the functional plans for the provision of sanitary sewage disposal and water supply facilities in the Region, and a summary of the public involvement associated with this Amendment.

PART A - THE PREAMBLE

Purpose

The purpose of this Amendment is to set forth new policies governing the provision of sanitary sewage disposal and water supply facilities throughout the Halton Planning Area.

Location

This amendment consists of six parts, which shall be referred to as Items (1) to (6). All six Items set out changes to the text of the Regional Official Plan, and no map changes are involved. The lands affected by this amendment comprise the entire Halton Planning Area.

Item (1): The "Contents" page is amended to reflect a more appropriate title for Part III, Section D.2, as follows:

"Sanitary Sewage Disposal and Water Supply".

Item (2): A reference to the section title indicated in Item (1) appears in the second sentence of the first paragraph following the "Growth Management Policies" heading in Part I (Introduction), Section 9 (Interpretation) of the Regional Official Plan. This title is amended in this sentence to reflect the new title.

Item (3): Two new sub-sections replace two existing sub-sections in Part III, Section B.3, (Settlement) Policy (e) of The Regional Official Plan.

Item (4): Two new policies replace existing Policies (k) and (l) in Part III, Section B.3 (Settlement) of The Regional Official Plan.

Item (5): New policies pertaining to sanitary sewage disposal and water supply replace the entire Section D.2 of Part III of The Regional Official Plan.

Item (6): A new definition of "Urban Services" is added to Part VI (Definitions).

Basis

The Regional Official Plan was approved by the Minister of Housing on August 1, 1980. Part III, Section D.2 contains the Sewer and Water Services policies, and Part III, Section

B.3, Settlement, also contains policies pertaining to sanitary sewage disposal and water supply.

Sewer and Water Services policy No. 1 reads as follows:

"THE POLICY OF THE REGION IS TO:

1. Develop, in consultation with the Area Municipalities and the Ministry of the Environment, a phasing scheme for the provision of sewer and water services to be incorporated in this Plan, by means of appropriate text and maps."

The process required to implement such a policy had actually begun approximately three years prior to the above Official Plan approval date. Studies regarding sanitary sewage and water supply facilities were jointly funded by the Central Mortgage and Housing Corporation (C.M.H.C.) and the Region of Halton. For each of the five urban areas within the Region, studies were carried out with regard to each of the following: water supply, water distribution, sanitary sewage collection and sanitary sewage treatment. An additional study was completed concerning private servicing facilities.

These studies formed the basis for the completion of the Halton Region Functional Sanitary Sewage Disposal and Water Supply Plan, which constitutes Appendix 1 in Part C - The Appendices of this Amendment No. 2. Regional Council determined that this Plan was not appropriate as Regional Official Plan policy since the details were subject to frequent review and change. Notwithstanding the policy quoted above, Council determined that a phasing scheme for sewer and water services should be adopted as Council policy to complement and implement the Regional Official Plan, but not as part of that Official Plan.

Based on policy directions recommended in the Halton Region Functional Sanitary Sewage Disposal and Water Supply Plan, on the experience of the Region in implementing the existing Official Plan policies, and on changing demands on the Region in performing its servicing responsibilities, the existing Official Plan policies are revised by this Amendment No. 2 to respond to the changing needs of the people of Halton.

PART B - THE AMENDMENT

Introductory Statement

All of this part of the document entitled Part B - The Amendment, consisting of the following text, constitutes Amendment No. 2 to the Official Plan for the Halton Planning Area.

Details of the Amendment

The Regional Official Plan is amended as follows:

Item (1):

The "Contents" page is amended by deleting the title of Part III, Section D, Sub-section 2 in its entirety and replacing it with the following:

"2. Sanitary Sewage Disposal and Water Supply"

Item (2):

Part I (Introduction), Section 9 (Interpretation), of the Official Plan for the Halton Planning Area is amended in the second sentence of the first paragraph following the "Growth Management Policies" heading, by deleting the words "Water and Sewer" and substituting the words "Sanitary Sewage Disposal and Water Supply", so that the amended sentence reads as follows:

"It also includes the basic strategies for Population Growth, Economic Development and Housing, and the support service policies for Sanitary Sewage Disposal and Water Supply, Solid Waste Management, and Transportation."

Item (3):

Part III (Growth Management Policies), Section B.3 (Settlement) is amended by deleting subsections (i) and (ii) of policy (e) in their entirety, and substituting the following in their place:

"i) Development not eligible for municipal sanitary sewage disposal or municipal water supply in accordance with the policies of this Plan must be self-sustaining with private, individual well-water supply and private, individual sanitary sewage disposal systems.

ii) Private sanitary sewage disposal systems shall conform to Regional By-laws and standards, and to Provincial legislation, regulations and standards."

Item (4):

Part III (Growth Management Policies), Section B.3 (Settlement) is amended by deleting policies (k) and (l) in their entirety and replacing them with the following:

"k) Approve development requiring municipal sanitary sewage and/or water supply services within only those areas eligible for urban services in accordance with the Sanitary Sewage Disposal and Water Supply policies of this Plan.

l) Require that all development which is located in areas eligible for, and which must be connected to, municipal sanitary sewage and/or water supply services under the policies of this Plan, take place in accordance with the logical extension of such urban services and in accordance with the Region's financial ability to provide such services. The logical extension of urban services shall be determined by the Region after consultation with the Area Municipalities."

Item (5):

Part III (Growth Management Policies), Section D.2 (Sewer and Water Services) is deleted in its entirety and replaced with the following:

"2. Sanitary Sewage Disposal and Water Supply

THE POLICY OF THE REGION IS TO:

1. Adopt Regional Rural Servicing Guidelines concerning the provision of private sewage disposal facilities and wells which will include, but not be restricted to, design standards for private wells and sewage treatment systems, minimum lot sizes taking infiltrative capacity of the soils and hydrogeological information into account, guidelines for hydrogeological studies, procedures for processing development applications where private services are proposed, and criteria by which the Medical Officer of Health determines a water supply to be inadequate.

2. Adopt Regional Urban Servicing Guidelines concerning sanitary sewage disposal and water supply services in

areas eligible for urban services under the policies of this Plan which will include, but not be restricted to, criteria and procedures for obtaining permission from the Region to utilize private servicing facilities in the Urban and Waterfront Areas, fees for individual connections to, or for special cases of increasing demand on, existing urban services, and multiple unit servicing policies including condominium servicing policies.

3. Require that approvals for all new development within the Urban or Waterfront Areas be on the basis of connection to municipal piped water and sanitary sewers. Exceptions to this policy may be specified in other policies of this Plan or by means of specific criteria contained in the adopted Urban Servicing Guidelines.

4. Require, for development or redevelopment outside those areas eligible for urban services under the policies of this Plan, that sewage treatment be by means of private, individual sewage treatment systems and that water be supplied by private, individual wells.

5. Develop and adopt, in conjunction with the Area Municipalities and coordinated with their development strategies, and in consultation with the Ministry of the Environment, phasing schemes for the provision of urban services in the Region.

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6. Pursue, in co-operation with the Area Municipalities, and where feasible, the expansion, improvement and maintenance of existing urban services so as to facilitate orderly urban development.

7. Investigate, recognize and weigh issues and alternatives prior to making major commitments for the provision of urban services.

8. Promote a reasonable choice of serviced industrial land within each Area Municipality for businesses considering locating in Halton.

9. Require the development industry to absorb all or part of the cost of the provision of the sanitary sewer and water trunk and treatment facilities so that new development or redevelopment does not become an undue burden on existing taxpayers. In this regard, servicing and financing schemes will be established by the Region after consultation with the Area

Municipalities and applied consistently for urban development within each Area Municipality. This policy does not rule out special considerations, at the option of Regional Council and in accordance with Provincial legislation, for industrial development considered by the Region to be in the best interests of existing taxpayers.

10. Limit development which is located in areas eligible for, and which must be connected to, urban services under the policies of this Plan to the ability of the Region to provide acceptable levels of water treatment and supply and sewage treatment and collection.

11. Design the urban services within Urban or Waterfront Area designations to meet only the capacity requirements of areas ultimately permitted to be serviced by policies of this Plan, except where it can be demonstrated through detailed evaluation to be prudent for the Region to design the services to accomodate future expansions of the Urban Areas.

12. Pursue the conservation of water use by residential, commercial and industrial water users.

13. Recognize that the methods of translating the capacities of water purification and water pollution control plants into actual numbers of dwelling units and amounts of non-residential development may vary for each Urban Area, and that such methods shall be determined by the Ministry of the Environment and the Region after consultation with the Area Municipalities.

14. Monitor the servicing requirements of proposed and approved development in terms of allocations of water purification plant and water pollution control plant capacities to ensure that total plant capacities are not exceeded.

15. Monitor the quantity of flows into the water pollution control plants and investigate means of providing additional treatment capacity and means of ensuring efficient use of existing capacity.

16. Recognize the northern water pollution control plant capacities in terms of the equivalent populations as set out below. Alternative servicing technology may allow for increases to these population equivalents, and when such alternative technology has been investigated and approved by the Province and the

Region in consultation with the Area Municipality, the relevant equivalent population figure may be appropriately increased by amendment to this Plan.

Milton Plant	28,000
Halton Hills	
(Acton Plant)	10,000
(Georgetown Plant)	30,000

17. Continue investigating alternative means of providing adequate levels of urban services to the Halton Hills and Milton Urban Areas.

18. Prohibit future urban service interconnections among the five Urban Area systems within the Region, except for future urban service interconnections between the City of Burlington and the Town of Oakville as required. Where such an otherwise prohibited interconnection has been found to be prudent, feasible and necessary in the public interest through detailed studies, approval will require a specific amendment to this Plan.

19. Recognize and permit improvements to the urban service interconnections existing at the time of adoption of this policy between Area Municipalities within the Region, between the Region of Halton and abutting Regions and between the Region of Halton and the County of Wellington.

20. Permit only the following future urban service interconnections between the Region of Halton and abutting municipalities: water and sanitary sewer interconnections between the Oakville Urban Area and the Region of Peel; water interconnections between the Burlington Waterfront Area and the Region of Hamilton-Wentworth in the vicinity of the Burlington Canal; and water interconnections between the Georgetown Urban Area and the Region of Peel.

21. Prohibit private connections to existing and future trunk watermains, sanitary sewers and water reservoirs situated outside the Urban and Waterfront Areas and outside the boundaries of the Hamlets of Glen Williams, Stewarttown, Norval and Milton Heights, except to comply with relevant legislation or legally executed and binding Agreements existing at the time of the adoption of this policy.

22. Recognize, with regard to urban services, that where a road exists along the boundary between the Urban Area designation and another Regional Plan designation, the exact location of the Urban Area boundary shall be considered to exist along the edge of the existing right-of-way furthest from the Urban Area. Where this right-of-way boundary line is discontinuous due to reasons such as intersecting roads, the Urban Area boundary shall be interpolated across these gaps.

23. Prohibit the future extension within the Region of urban services beyond the boundaries of the Urban Areas and the Waterfront Area, as designated on Map 1: The Regional Concept, with the following exceptions:

    a) Water and/or sanitary sewer services may be extended into certain Parkway Belt Special Complementary Use Areas only when the Region determines it prudent and feasible to provide such services, in accordance with the policies of The Parkway Belt West Plan.

    b) Uses on lands owned by the public or on lands leased by the public and which are located outside the Urban and Waterfront Areas may be permitted to connect to existing urban services which abut the public uses, where in the interests of the public the Region deems it prudent and feasible to permit such connections.

    c) Any lot existing at the time of Council adoption of this policy and abutting an Urban Area boundary road on which Regional urban services exist, may be permitted by Regional Council resolution to connect to such urban services provided all of the following conditions are satisfied:

        i) All parts of structures to be serviced are constructed within 100 metres of the Urban Area boundary,

        ii) The urban services to which connection is desired must exist within that portion of the road right-of-way abutting the lot in question,

        iii) Regional Council considers the connections to be prudent, feasible and in the public interest,

iv) Financial requirements of the Region with respect to the connection(s) are satisfied. The appropriate fees will be set out in the Urban Servicing Guidelines.

d) Urban services may be extended to development within the boundaries of the Hamlets of Stewarttown, Glen Williams and Norval in accordance with policies specific to these Hamlets as set out in this Plan.

e) The provision of trunk watermains may be permitted from remote water supply sources such as wells or reservoirs,and where in accordance with other policies of this Plan, from municipalities adjacent to Halton Region.

f) Connections to the existing piped municipal water system in the Hamlet of Milton Heights may be permitted for limited new development occurring within areas already developed and where watermains are abutting such new development, subject to adequate and available water supply and adequate size and condition of existing watermains and where such such development is in conformity with the Milton Official Plan.

24. Permit urban services to be extended to and within the Hamlets of Glen Williams, Stewarttown and Norval in accordance with the following:

a) It is recognized that at some future date, it may be deemed necessary by the Region to extend sanitary sewers to these Hamlets. The Region, in co-operation with the Town of Halton Hills, will reserve adequate sewage treatment plant capacity to handle estimated sewage flows from these Hamlets in their mature state, i.e. the maximum size and maximum density which will ensure the maintenance and preservation of their rural character.

b) Permit, in accordance with other policies of this Plan, extensions of existing municipal piped water to development within the boundaries of the Hamlets where the size and condition of the existing mains are adequate or are upgraded to accommodate such extensions, and where the Region considers it prudent and feasible to provide such

services in consultation with the Town of Halton Hills.

c) Such servicing and development is in accordance with adopted and approved Hamlet secondary plans.

25. Permit, within the Halton Hills and Milton Urban Areas, dry industrial development on private services or on municipal water supply and private sewage treatment systems, subject to all of the following criteria:

i) areas for such servicing are determined in conjunction with Halton Region and are clearly delineated in local official plans by appropriate maps and/or text;

ii) detailed implementation schemes for industrial development in each of those areas identified under criteria (i), above, are adopted by both Regional and Local Councils and which address, among other matters, the specific type of servicing proposed.

iii) the design and approval of private services are in accordance with Regional By-laws, standards and guidelines and with Provincial requirements;

iv) where considered necessary by the Region, approval of such industrial servicing systems is to be conditional upon the owners of the individual proposals entering into one or more agreements with the Region to satisfy all Regional concerns, financial or otherwise, relating to water supply and sanitary sewage disposal.

26. Initiate an information management system to aid in the implementation of this Plan, which incorporates a computer storage and retrieval system to co-ordinate and centralize the various sources of data related to Regional urban services and, where feasible, rural services.

27. Initiate engineering studies and tests to investigate existing deficiencies in, and to identify areas where excessive extraneous water flows into, the sanitary sewer systems.

28. Initiate sewage flow monitoring programs as and where necessary to identify areas with potential sanitary

sewer back-up or flooding problems and to obtain information on the sanitary sewage system performance.

29. Construct the necessary works and carry out other appropriate actions to correct deficiencies in, and to maintain, the urban services and to reduce extraneous flows into the sanitary sewer systems where such actions are feasible.

30. Monitor industrial sewage flows in order to facilitate enforcement of Regional By-laws and Provincial requirements pertaining to the discharge by industries of wastes and contaminants into the sanitary sewage system.

31. Maintain, operate and correct deficiences in the existing Regional communal water supply system serving part of the Hamlet of Campbellville, but permit no future expansion of this system without an amendment to this Plan.

32. Investigate the necessity for, and feasibility of, self-sustaining central water supply and sanitary sewage treatment and collection systems in individual Hamlets. Approval of such communal systems will first require an amendment to this Plan pertaining to the specific Hamlet.

33. Encourage the proper use of surface water and underground aquifers, and ensure that development does not adversely affect the quantity and quality of water.

34. Monitor the water quality of watercourses, Burlington Bay and near-shore Lake Ontario waters receiving treated effluent from water pollution control plants to ensure that water quality remains at an acceptable standard and to determine, in conjunction with the Province, the capacity of such waters for receiving treated effluent.

35. Protect the water quality in receiving streams, in near-shore waters of Lake Ontario and in Burlington Bay by:

    i) providing adequate capacity in the water pollution control plants to satisfactorily handle the quantity of sewage produced in the Region;

    ii) carrying out programs to reduce the level of pollutants in the treated effluent through

reducing levels at the sources and through improved treatment methods where feasible in consultation with appropriate Provincial and Federal agencies;

iii) enacting By-laws under relevant legislation pertaining to the discharge of wastes to the sanitary sewage systems.

iv) ensuring that the location and design of private services meet Regional and Provincial standards and requirements.

36. Identify as early as possible those Environmentally Sensitive Areas which may be affected by the provision of future urban services, in order to provide the Region with sufficient lead time to adequately assess alternatives and to carry out Environmental Impact Assessments where necessary under the policies of this Plan or under Provincial legislation.

37. Minimize the number of disturbances to Environmentally Sensitive Areas affected by the provision of urban services, by considering and if necessary implementing integrated construction plans for both water and sanitary sewage services, and by currently designing the urban services affecting such areas to as close as is feasible to their ultimate capacity.

38. Require the submission of hydrogeological studies, as and where considered necessary by the Region, to establish the quantity and quality of existing and future ground water supply, to determine the impacts of proposed development on the ground water supply and to recommend maximum densities and extent of future development to ensure an adequate future supply. Guidelines for carrying out such studies will be set out in the Rural Servicing Guidelines."

39. Pursue the development and implementation of a long-term Regional sewage sludge management program."

Item (6):

Part VI (Definitions) is amended by inserting the following definition as No. 36 directly after the existing definition No. 35, and by changing the numbers of the existing definitions identified as No.'s 36, 37, and 38 to No.'s 37, 38 and 39 respectively:

"36. URBAN SERVICES, when referring to physical services which are a Regional responsibility, means municipal water and/or sanitary sewage systems and, where situated on Regional roads, components of the storm sewer systems. For the purposes of the Sanitary Sewage Disposal and Water Supply policies of this Plan, the term refers only to municipal water and/or sanitary sewage systems or components thereof which are contained within or extended from Urban or Waterfront Area designations or from municipalities abutting Halton Region. Communal well systems and/or communal sanitary sewage treatment systems are not considered to be urban services."

PART C - THE APPENDICES

The following appendices do not constitute part of Amendment No. 1, but are included as information supporting the Amendment.

Appendix 1	Halton Region Functional Sanitary Sewage Disposal and Water Supply Plan.
Appendix 2	Public Consultation.

APPENDIX 1

Appendix 1

to

Amendment No. 2 to the Official Plan for the

Halton Planning Area

HALTON REGION

FUNCTIONAL SANITARY SEWAGE DISPOSAL

AND

WATER SUPPLY PLAN

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I. INTRODUCTION

1.1 Purposes

The purposes of the Halton Region Functional Sanitary Sewage Disposal and Water Supply Plan are: to describe the provision of municipal sanitary sewage and water supply facilities in Halton Region to the year 2001; to articulate the role of Regional government in the provision of private sanitary sewage disposal and water supply facilities and; to provide the background and rationale for the development of a Regional Official Plan Amendment revising and clarifying the policies pertaining to sanitary sewage disposal and water supply in Halton.

The provision of such municipal facilities and the establishment and enforcement of standards for private facilities are among the many functions of Regional government in Halton, in accordance with Provincial legislation including The Regional Municipality of Halton Act, the Municipal Act, The Public Utilities Act, The Public Health Act, The Ontario Water Resources Act, The Environmental Protection Act and The Planning Act.

This Plan establishes the basic functional framework generally outlining the provision, in terms of timing and location, of major components of the Regional servicing systems. It also establishes a framework within which criteria and standards for the provision of private services will be developed and implemented.

This Plan does not deal with the details of the provision of servicing facilities in the Urban Areas of Georgetown and Acton since the Halton Hills Urban Areas Review Studies have only recently been completed or are nearing completion. These matters will be dealt with and included at a future date.

1.2 Framework

This Plan has been prepared to complement the development strategy for Halton Region as set out in The Regional Plan, which was signed by the Minister of Housing on August 1, 1980.

The resulting configuration of that development strategy to the year 2001 is visually represented in The Regional Plan on Map 1; The Regional Concept. The designations of Map 1 are described in the text of The Regional Plan in section

include five Urban Areas, the Rural Area, the Waterfront Area, the Parkway Belt Area and the Niagara Escarpment Area.

The Regional Plan sets out a "Growth Strategy" which will lead toward a Regional population of 313,000 by 1986, and by the year 2001 Halton will have a population of 398,000 including a rural population of 36,000. Major growth and the accompanying urban amenities and services will be concentrated in the Urban and Waterfront Areas. Most rural development will be encouraged to locate in the Hamlets.

When the term "urban areas" is used in this Plan, it should be interpreted to include both the Urban Area and the Waterfront Area designations.

1.3 Scope

With regard to the future provision of urban services, which means municipal sanitary sewage treatment and collection and water treatment and distribution facilities, this Plan addresses the general location and timing of major system components including trunk sewers and watermains, major sewage and water pumping stations, water pressure booster stations, water pollution control plants and water purification plants. It describes present problems and future requirements of the urban service systems. This Plan addresses the Region's position with respect to existing and future interconnections of urban service systems between the Region and adjacent municipalities and between the Area Municipalities within Halton. It addresses in general terms the Regional principles for the financing of urban servicing facilities and Regional programs for the efficient maintenance and operation of the systems.

The Schedules showing existing and future components of the urban servicing systems should be viewed conceptually in that they represent the general locations of such components.

With regard to private (rural) services, the Region is not responsible for providing them directly, but is responsible for protecting the health, safety and welfare of those using these facilities. Thus this Plan provides the framework for establishing Regional standards, criteria and procedures for the design, approval and operation of private facilities.

1.4 Approach

The development of this Plan was initiated on August 1, 1977 following approval by the Central Mortgage and Housing

Corporation of funds which were matched by the Region. The funds were provided for sanitary sewage system and water supply studies. In total, twenty studies were completed by consulting firms for the five urban areas of Halton. For each urban area, studies were carried out with regard to each of the following: water supply, water distribution, sanitary sewage collection and sanitary sewage treatment.

Working papers with respect to sanitary sewer and water systems were then prepared for each of the five urban areas. These working papers integrated the findings of the individual studies to form the basis from which the urban servicing aspects of this Plan were prepared.

An additional study was carried out with respect to private servicing standards and procedures and forms the basis of the rural servicing portion of this Plan.

Together with input from other public and private agencies, from the public and from Regional Staff based on their experience in implementing existing Regional Plan policies, the working papers and the rural servicing document were refined and integrated to constitute this Plan.

2. INTERCONNECTIONS OF SANITARY SEWAGE AND WATER SYSTEMS

2.1 Context

This section sets out the Regional positions on the interconnections of urban services, firstly between urban areas within Halton and secondly between Halton and adjacent municipalities, namely Peel and Hamilton-Wentworth Regions and the County of Wellington.

2.2 Background

The Regional Plan calls for a moderate increase in development, particularly residential, throughout the Region. Much of this development will take place in Burlington and Oakville. Lake Ontario can supply these two communities with abundant supplies of water and this same body of water can accept relatively large amounts of treated sewage effluent.

The Regional Plan calls for accentuated employment opportunities and modest residential growth in the three northern urban areas of Milton and Halton Hills (Georgetown and Acton). In contrast to Burlington and Oakville, water supplies are not abundant, and the receiving streams are small and can accept only relatively small amounts of treated sewage effluent.

2.3 Existing Interconnections

2.3.1 Burlington - Oakville

There is a 400 and 500 mm watermain extending from Burlington and located in the vicinity of New and Rebecca Streets which serves that area of Oakville between Bronte Creek and Burloak Drive north of Lakeshore Road. This watermain has two local distribution mains that go southerly to Lakeshore Road to connect to an existing 150 mm watermain that also connects the two water systems.

2.3.2 Halton - Hamilton-Wentworth

Since 1972, water has been supplied from Burlington, by a contractual commitment, to Waterdown in the Hamilton-Wentworth Region. This service will continue in the future, and there are no plans to extend this service to new areas of Waterdown. No expansions to the Region of Halton water service need be made to continue to provide such service to Waterdown.

2.3.3 Halton - Peel

In 1978, a 200 mm watermain was extended from Norval approximately 300 m into the Peel Region to supply water for a small number of Peel residents.

The Region of Peel presently serves a small portion of the Town of Oakville just west of Winston Churchill Boulevard and south of the Q.E.W.

2.3.4 Halton-Wellington

The Region obtains water from a well located in the County of Wellington immediately north of the boundary between the Region and this County. The water from this well is used by the Acton urban area.

2.4 Future Interconnections

2.4.1 Burlington - Oakville

Sanitary sewer and water interconnections will be made between these two systems as required.

2.4.2 Other Inter-Urban Connections Within the Region

Under the growth strategy set out in the Regional Official Plan, there will be no need for urban service interconnections between urban areas in the Region, other than between Oakville and Burlington, for the planning period (up to 2001). The Region will, however, continue to study methods of improving and expanding urban services in the northern urban areas. These studies may involve consideration of interconnections between the northern urban areas and the lake based plants. If it is found necessary and feasible to proceed with the construction of such trunk facilities, this will be on the basis of an amendment to the Regional Official Plan.

2.4.3 Halton - Peel

Future urban service interconnections between the Town of Oakville Urban area and the Region of Peel will be made as required.

There will be no urban service interconnections permitted in the Official Plan between the Town of Milton and the Region

of Peel. Any such interconnections will require an Official Plan Amendment.

It may be necessary for part of the Georgetown Urban Area to obtain water from Peel Region in the future and such water interconnections are permitted.

2.4.4 Halton - Hamilton-Wentworth

Future water interconnections between these two Regions may be made in the vicinity of the Burlington Canal.

2.4.5 Halton - Wellington

Future sanitary sewer interconnections between Halton Region and the County of Wellington are not expected to be required. Future watermain connections from Halton Hills (Acton) to future wells in the County of Wellington may be necessary. Improvements to the existing interconnections will be permitted, but additional interconnections will require an Official Plan Amendment.

2.5 Future Activities

i) Interconnect urban services between the City of Burlington and the Town of Oakville as required.

ii) Permit other urban service interconnections among Urban Areas within the Region only by Regional Official Plan Amendment and after detailed studies.

iii) Prohibit urban service interconnections between Halton Region and adjacent municipalities except by way of Official Plan Amendment or as excepted below.

iv) Permit urban service interconnections between the Town of Oakville Urban Area and the Region of Peel as required.

v) Permit future water interconnections between the Region of Halton and the Region of Hamilton-Wentworth in the vicinity of the Burlington Canal as required.

vi) Permit future water interconnections between the Georgetown Urban Area and the

3. SANITARY SEWAGE AND WATER SYSTEMS

3.1 Background

The bulk of new development that will take place to the year 2001 will occur in the five urban areas. In fact, to comply with the Regional Plan, urban serviced development will be required to be located in these urban areas with minor exceptions.

The urban services required to handle future development in the five Urban Areas are outlined as follows:

3.2 Burlington Urban Area

3.2.1 Assumptions

The population of the urban area is presently about 108,000 with an expected urban population capacity of 205,000 people.

Infilling of varying density will occur throughout the older, developed portion of the urban area, with Maple Community development considered as infilling of major significance.

Major future development within the life of the current Official Plan will take place in the urban area in accordance with development strategies determined by the City and the Region.

Major industrial and commercial developments will occur in the vicinity of the Q.E.W. and the CN tracks in the eastern half of the urban area.

3.2.2 Sewage Collection and Treatment (Schedule "A")

3.2.2.1 Present Systems

Tha major components of the sanitary sewage collection system are two large trunk sewers (East End and West End) ranging in size from 635 mm to 1800 mm, and 17 pumping stations ranging in capacity from 4 to 380 L/s.

Sewage is treated at the Skyway Water Pollution Control Plant (WPCP) which was expanded to a capacity of 90,900 m^3/day in 1978. The Drury Lane Plant has been temporarily removed from service and may be reinstated when the Skyway Plant approaches capacity.

3.2.2.2 Present Problems

Basement flooding, in certain sections of the northern and eastern portions of the urban area, occurs during large rain storms and is the most serious problem. This is attributable to various causes, such as ingress of ground and storm water and inadequate sanitary sewer capacity for the area served.

3.2.2.3 Future Requirements

One major requirement for the sanitary sewage system of the Burlington urban area is the correction of existing deficiencies. The second major requirement for the future is to respond to the expected relatively large amounts of growth, particularly residential and industrial, which will require increased treatment capacity.

3.2.2.4 Future Activities

i) Initiate sewage flow monitoring, smoke testing and other investigations to identify areas of excessive extraneous water flow into the sanitary sewage system.

ii) Construct the necessary works and take other appropriate action to reduce the extraneous water flow.

iii) Consider reinstating the Drury Lane WPCP when the Skyway Plant approaches capacity.

iv) Expand the capacity of the Skyway WPCP as and when determined by new development.

v) Contruct trunk sanitary sewers as required to serve areas where future growth will take place.

3.2.3 Water Supply and Distribution (Schedule "B")

3.2.3.1 Present System

Water is supplied from Lake Ontario at the Water Purification Plant in the vicinity of Lakeshore Road and Pomona Avenue. The plant is at present being increased to a nominal capacity of 218,000 m^3/day. Chemical handling facilities require upgrading and it is proposed that this will be accomplished in 1982.

There are six separate and distinct pressure zones. The principal east-west trunks are 300 mm to 900 mm in size and the north-south trunks vary from 300 to 1050 mm in size. Storage is provided at 7 reservoirs. Nine booster stations distribute the water throughout the system.

3.2.3.2 Present Problems

There is insufficient pressure in some portions of the existing system. Some small watermains should be replaced and this can be done in conjunction with road rebuilding programs.

3.2.3.3 Future Requirements

No further expansion is anticipated for the Water Purification Plant prior to the year 2001 as the present expansion, which will be completed by 1982, is expected to have sufficient capacity to meet the projected growth in the City of Burlington.

An updated water distribution study is required to address the growth goals that have been adopted.

3.2.3.4 Future Activities

i) Loop watermains and construct additional watermains to provide adequate pressures and flow for fire protection.

ii) Replace deficient small watermains in conjunction with road rebuilding programs.

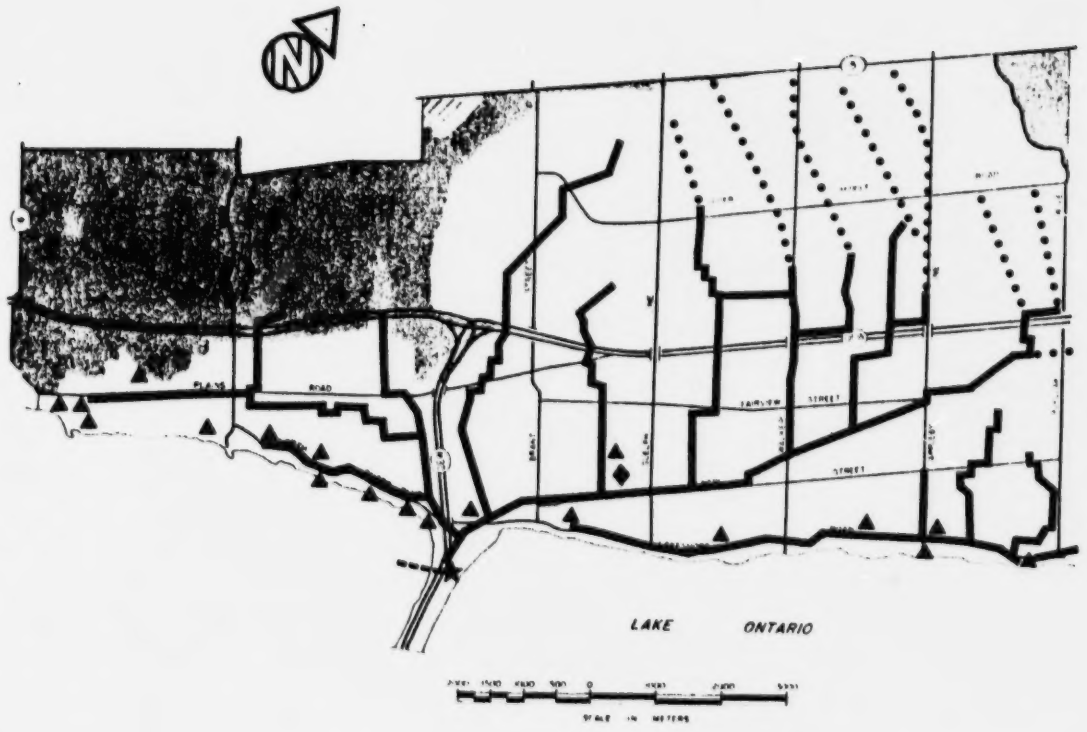
iii) Expand the Waterdown Road and Washburn reservoirs by the mid 1980's and construct the zone 3 reservoir by about 1990.

iv) Construct trunk watermains to connect the new zone 3 reservoir to the water system.

v) Construct an additional zone 2 reservoir and a zone 3 pumping station as required.

vi) Construct trunk watermains as required to serve areas where future growth will take place.

vii) Update the water distribution study.



LEGEND

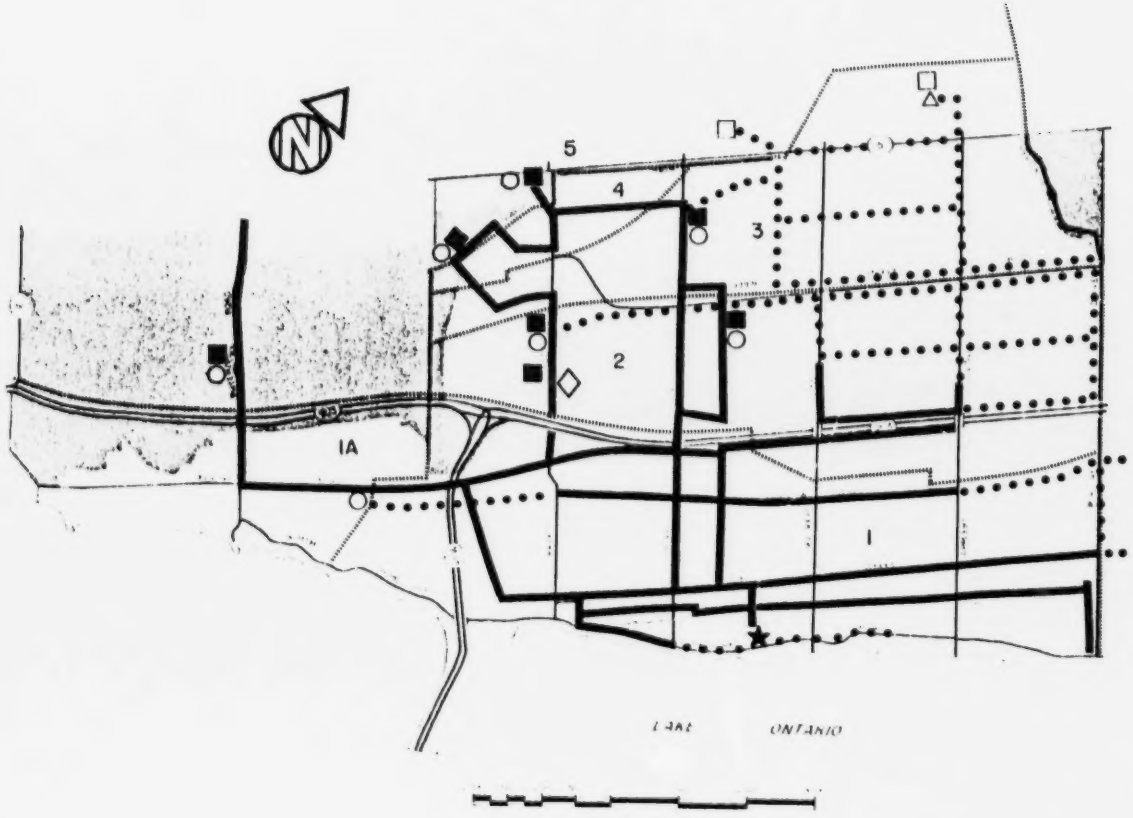
- EXISTING TRUNK SEWERS
- FUTURE TRUNK SEWERS
- EXISTING SEWAGE PUMPING STATION
- SKYWAY WATER POLLUTION CONTROL PLANT
- DRURY LANE WATER POLLUTION CONTROL PLANT (out of service temporarily)
- PARKWAY BELT
- SCARP PROTECTION AND COMPLEMENTARY USE AREAS
- OUTFALL SEWER

SCHEDULE "A"

CITY OF BURLINGTON

SANITARY SEWERAGE SYSTEM

NOTE : INFORMATION CURRENT AS OF MAY 3, 62.



LEGEND

- EXISTING TRUNK WATERMAINS
- PROPOSED TRUNK WATERMAINS
- PRESSURE ZONE BOUNDARY
- EXISTING RESERVOIR
- PROPOSED RESERVOIR
- FUTURE WATER PUMPING STATION
- EXISTING WATER PURIFICATION PLANT
- BOOSTER STATION
- PARKWAY BELT
- SCARP PROTECTION AND COMPLEMENTARY USE AREAS
- 3 PRESSURE ZONE AREAS

SCHEDULE "B"

CITY OF BURLINGTON

WATER SYSTEM

3.3 Oakville Urban Area

3.3.1 Assumptions

Residential development in the past has been modest. The present population is about 72,400 people with an expected urban population capacity of 200,000 people.

For an interim period, development north of the the Q.E.W. between 16 Mile Creek and the Parkway Belt to the west and development north of Upper Middle Road between 16 Mile Creek and the Parkway Belt to the east, will have sewage treated at the existing S.W. Pollution Control Plant. Later, sewage from this area will be treated at the proposed Mid Halton Water Pollution Control Plant (MHWPCP). The MHWPCP will, subject to confirmation by the decisions resulting from the environmental assessment process, be situated in the north west quadrant of the intersection of the Q.E.W. and 14 Mile Creek.

The area adjacent to and west of Winston Churchill Boulevard will have its sewage treated at the South East Water Pollution Control Plant (SEWPCP).

3.3.2 Sewage Treatment and Collection (Schedule "C")

3.3.2.1 Present System

Existing major trunk sanitary sewers exist along Rebecca Street, Lakeshore Road, Morden Road, Trafalgar Road and Morrison Road. There are 30 pumping stations in the Town of Oakville.

There are two Water Pollution Control Plants and they have a combined capacity of 68,200 m^3/day.

3.3.2.2 Present Problems

One major problem is the large quantity of extraneous water flow into the sanitary sewage system.

3.3.2.3 Future Requirements

No additional sanitary sewage treatment capacity is expected to be required to serve the existing developed areas drained by the two treatment plants. Additional trunk sewers will be required to serve the area adjacent to or west of Winston Churchill Boulevard. Additional sewage collection and treatment capacity will be required for future growth beyond the presently developed areas. Negotiations are presently

under way to determine conditions under which it would be possible to permit Ford of Canada to eliminate or reduce its privately owned treatment facilities and connect to the SEWPCP.

3.3.2.4 Future Activies

i) Initiate engineering studies to investigate existing deficiencies and to identify areas of excessive extraneous water flow into the sanitary sewage system.

ii) Construct the necessary works and take other appropriate action to reduce the extraneous flow and correct other deficiencies where this is feasible.

iii) Construct the MHWPCP in the mid to late 1980's

iv) Construct trunk sanitary sewers to serve new major developments located north of the Q.E.W. and west of 16 Mile Creek and north of Upper Middle Road between 16 Mile Creek and the Parkway Belt to the east.

v) Construct a trunk sanitary sewer to serve future development to the west of and adjacent to Winston Churchill Boulevard.

3.3.3 Water Supply and Distribution System (Schedule "D")

3.3.3.1 Present System

Water taken from Lake Ontario is treated at the Water Purification Plant off Kerr Street with an existing nominal capacity of 55,000 m^3/day.

There are two reservoirs, two booster pumping stations and three pressure zones. The major north-south watermains, which are 700 mm to 900 mm in size, are situated along Allan Street and Eighth Line. The major east-west mains are a 600 mm main along Lakeshore Road and Rebecca Street, and a 750 mm main on Speers Road. There is also a 500 mm watermain along Devon Road and McDonald Road.

3.3.3.2 Present Problems

There are fire flow deficiencies at various locations throughout both pressure zones 1 and 2. In general the distribution system in pressure zone 3 is capable of delivering the required fire flows but some upgrading is required.

3.3.3.3 Future Requirements

Major trunk watermains will be required to serve the new developments which will be situated to the north of the existing developed area. The Water Purification Plant will require expansion to meet the requirements of future growth.

3.3.3.4 Future Activities

Pressure Zones 1, 2 and 3

i) Construct watermains at various locations in pressure zones 1, 2 and 3 to upgrade the existing system to an acceptable standard.

Pressure Zone 1

ii) Expand by early 1982 the water purification plant to a nominal capacity of 109,000 m^3/day. By the late 1980's and early 1990's expand this plant further as required.

iii) Construct a watermain westerly on Rebecca Street from Bronte Road to Mississauga Street, to complete the interconnection between the Oakville and Burlington water systems.

Pressure Zone 2

iv) Construct watermains as required to serve future growth.

Pressure Zone 3

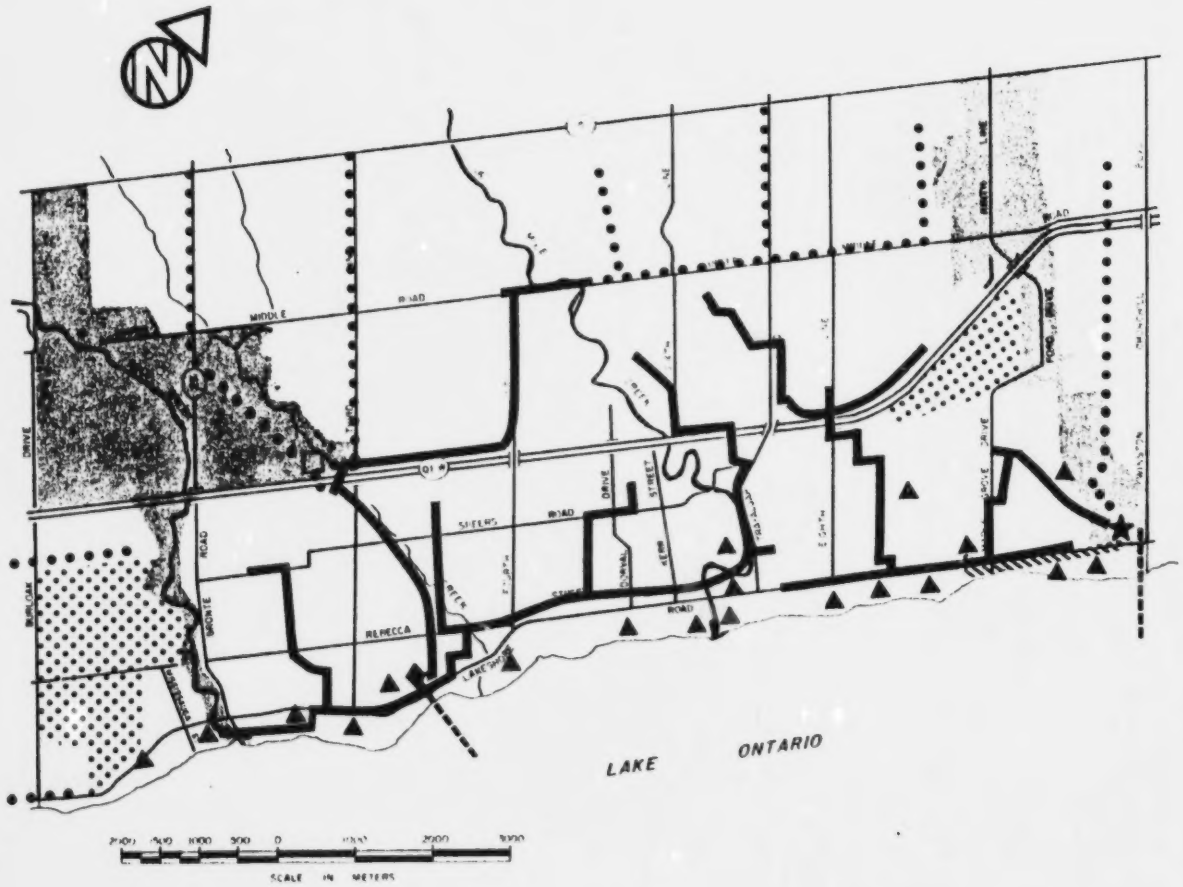
v) Construct a new reservoir north of No. 5 Highway to serve this pressure zone as required.

vi) Construct a watermain northerly from Upper Middle Road to the above-cited reservoir.

vii) Construct watermains as required to serve future development.

Pressure Zone 4

viii) Construct a booster pumping station, elevated storage facilities and trunk watermains to serve future growth south of No. 5 Highway.



LEGEND

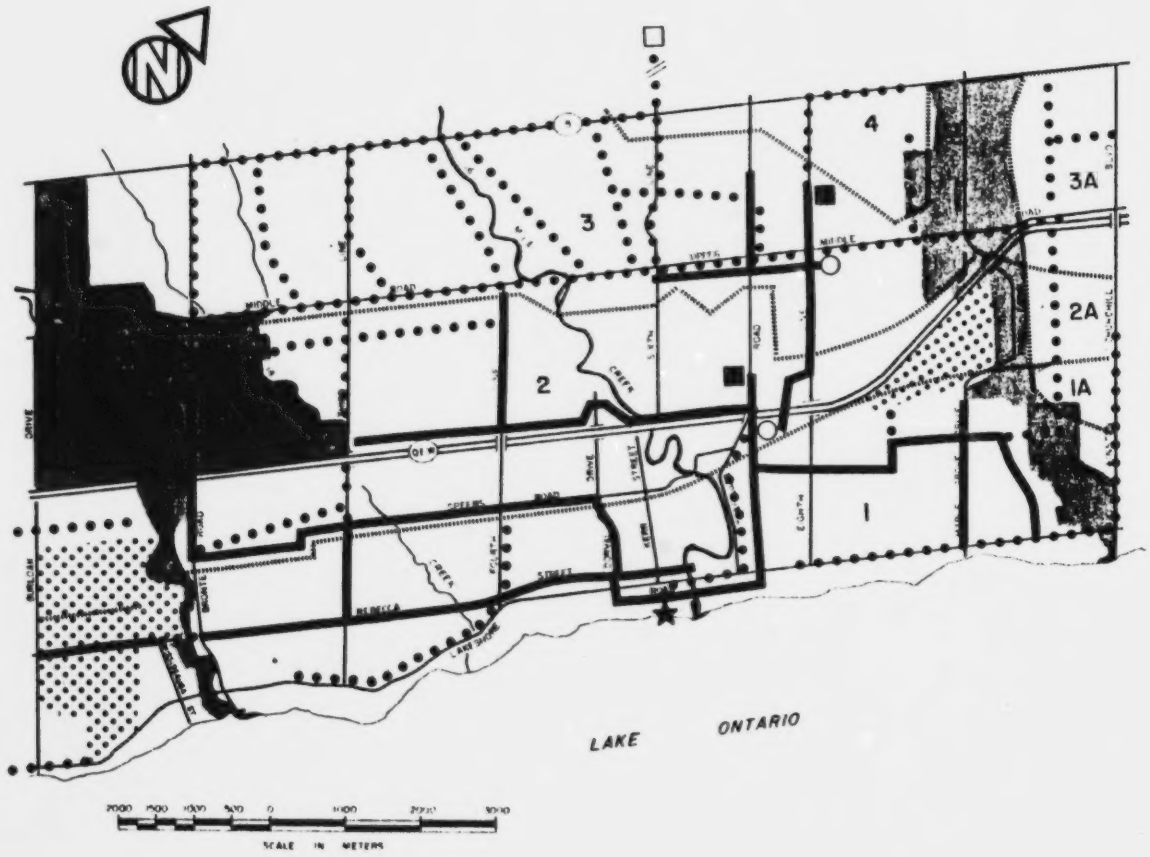
- EXISTING TRUNK SEWERS
- FUTURE TRUNK SEWERS
- EXISTING FORCEMAIN
- SOUTH EAST WATER POLLUTION CONTROL PLANT
- SOUTH WEST WATER POLLUTION CONTROL PLANT
- PROPOSED MID-HALTON WATER POLLUTION CONTROL PLANT
- LANDS PRIVATELY SERVICED
- PARKWAY BELT
- URBAN AREA
- EXISTING SEWAGE PUMPING STATION
- OUTFALL SEWER

SCHEDULE "C"

TOWN OF OAKVILLE

SANITARY SEWERAGE SYSTEM

NOTE : INFORMATION CURRENT AS OF MAY 3, 82.



LEGEND

- EXISTING TRUNK WATERMAINS
- FUTURE TRUNK WATERMAINS
- PRESSURE ZONE BOUNDARY
- EXISTING RESERVOIR
- PROPOSED RESERVOIR
- EXISTING WATER PURIFICATION PLANT
- BOOSTER STATION
- LANDS PRIVATELY SERVICED
- PARKWAY BELT
- URBAN AREA
- 2 PRESSURE ZONE AREA

SCHEDULE "D"

TOWN OF OAKVILLE

WATER SYSTEM

NOTE: INFORMATION CURRENT AS OF MAY 3, 82

3.4 Milton Urban Area

3.4.1 Assumptions

The population of the Urban Area is presently about 18,700. The designated "population equivalent" for the Urban Area for 2001 is 28,000 which represents a population estimate for which the WPCP has the capacity to treat the resulting sewage. This estimate includes a population component representing sewage flow from industrial and commercial areas and is thus not a "true population" capacity figure.

Development will occur through infilling by residential, industrial and commercial uses, together with expansion of the existing developed areas. Major industrial development will take place in the "Amendment 7 Area" most of which is north of the Highway #401 corridor.

Industrial and commercial development will be restricted to enterprises that are relatively low water users due to the limited available ground water supply and limited sewage treatment capacity. This will reduce the loading on the WPCP which cannot be expanded due to the limited capacity of the receiving stream (16 Mile Creek) for diluting and assimilating treated effluent. Such development will occur in accordance with the Milton 401 Industrial Park Implementation Policy adopted by both Regional and Milton Councils

3.4.2 Sewage Collection and Treatment (Schedule"E")

3.4.2.1 Present Systems

Major trunk sanitary sewers include a 750 mm to 1050 mm sanitary sewer running in a northerly direction adjacent to 16 Mile Creek and a 600 mm to 700 mm sewer running in an east-west direction, just north of the CP tracks.

The Milton WPCP, which is located in 16 Mile Creek, has a rated capacity of 12,900 m^3/day.

There are two pumping stations; one near the southern boundary of the Urban Area and the main pumping station located at the WPCP.

3.4.2.2 Present Problems

The only major problem with the existing sanitary sewage system is excessive extraneous flows into the older sanitary sewers resulting in occasional flooding of basements. This

is believed to be due to foundation and roof drains being connected to the sanitary sewers. This problem is particularly acute in the Commercial Street/Oak Street area.

3.4.2.3 Future Requirements

There are two constraints to growth for the Milton urban area. These are the limited available ground water supply and the inability of 16 Mile Creek to assimilate effluent loading in excess of that currently discharged by the existing WPCP. The latter is the greater constraint and will greatly influence development in the Amendment 7 Area. However, by limiting new development to "dry" industry and carefully monitoring water supply and sanitary sewage flows, municipal water and sewage treatment capacity will be extended to the greatest area possible. Initial development on the basis of individual private sewage disposal systems will be permitted in selected sections of the Amendment 7 Area when ground conditions are proven suitable, and when lot sizing meets Regional requirements.

3.4.2.4 Future Activites

i) Construct sewer diversions to divert the sewage flow away from areas subject to flooding.

ii) Initiate a smoke testing program in the older areas of town, to identify the locations of extraneous flows into the sanitary sewage system.

iii) Initiate a flow monitoring program to identify potential problem flooding areas.

iv) Consider the disconnection of foundation and roof drains where they have been connected to the sanitary sewer system.

v) Take other appropriate action to reduce extraneous flows into the sanitary sewage system.

vi) Continue monitoring flows to the WPCP to ensure that existing capacity is efficiently used and to investigate ways to provide additional treatment capacity.

vii) Encourage monitoring of the receiving stream to determine if any additional

treated effluent can be handled by the stream.

viii) Construct sanitary sewers to serve the "Amendment #7 - Highway #401 corridor area".

ix) Consider private waste disposal systems in appropriate sections of the Amendment #7 area north of Highway #401.

3.4.3 Water Supply and Distribution (Schedule "F")

3.4.3.1 Present Systems

The water supply for the Milton Urban Area includes three wells, located on the Kelso Aquifer, and two wells located on the Rattlesnake Aquifer. Both of these aquifers are situated to the west of the Urban Area. These wells have a combined perennial yield of 16,800 m^3/day. Water is stored at an inground reservoir north of Main Street, between Tremaine Road and Bell School Line. Its capacity is 14,800 m^3.

Principal distribution mains are on Bronte Street, Derry Road, Main Street and Steeles Avenue.

3.4.3.2 Present Problems

The existing water distribution system needs reinforcing. There is a considerable amount of silt and rust in the watermains which results in excessive head (pressure) losses. The surge tank causes a restriction to the flow in the system.

3.4.3.3 Future Requirements

The major future requirement is to ensure a supply of water for the entire industrial development, in the Amendment #7 - Highway #401 Corridor Area. This can be achieved by choosing future industries that are low water users. The average water consumption for the remaining industrial development will be limited to ensure the most efficient use of the available ground water supply.

3.4.3.4 Future Activities

i) Reinforce the existing watermain system.

ii) Initiate a maintenance program to remove silt and rust from the watermains.

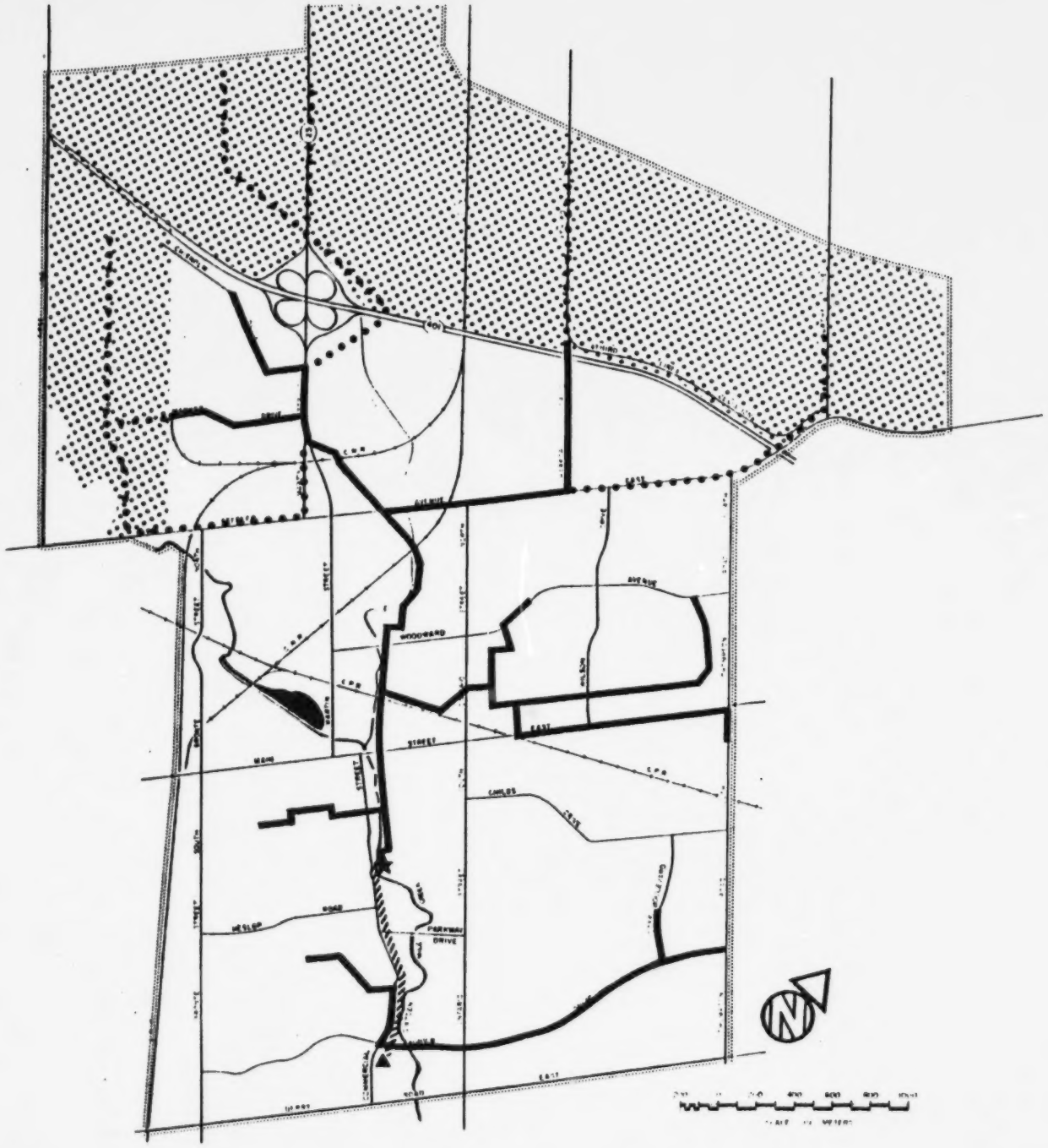
iii) Remove the existing surge tank and construct a watermain around the high point of land on which the surge tank is located.

iv) Construct watermains to serve the "Amendment #7 - Highway #401 corridor area".

v) Choose future industries that require small quantities of water.

vi) Investigate additional sources of water supply.

vii) In conjunction with the Town, investigate means of conserving water supply.



LEGEND

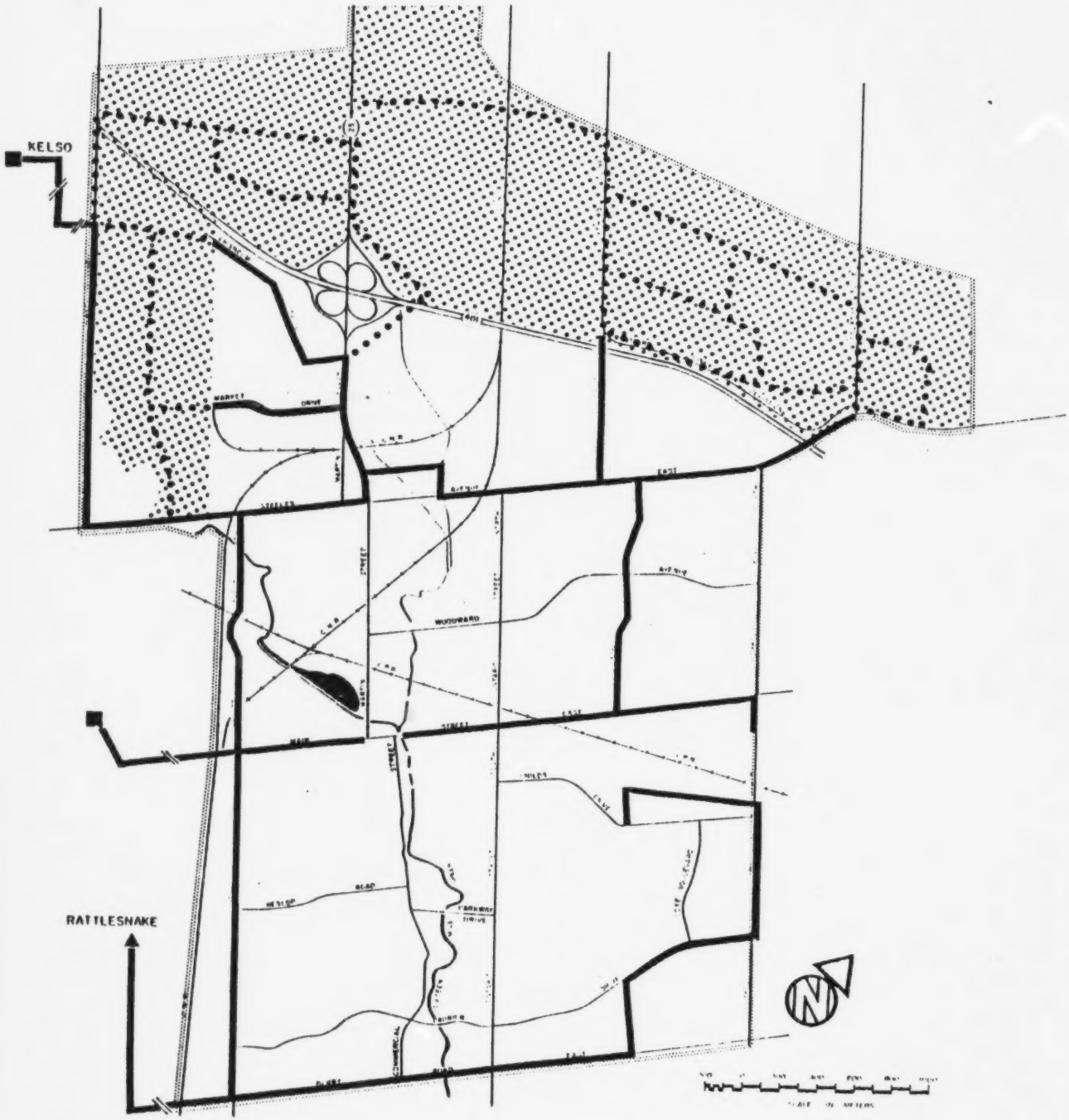
- EXISTING FORCEMAIN
- EXISTING TRUNK SEWERS
- FUTURE TRUNK SEWERS
- ★ EXISTING WATER POLLUTION CONTROL PLANT
- ▲ EXISTING SEWAGE PUMPING STATION
- URBAN AREA BOUNDARY
- INDUSTRIAL ' ZONE AMENDMENT Nº 7

SCHEDULE "E"

TOWN OF MILTON

SANITARY SEWERAGE SYSTEM

NOTE : INFORMATION CURRENT AS OF MAY 3, 82



LEGEND

- EXISTING TRUNK WATERMAIN
- PROPOSED TRUNK WATERMAIN
- EXISTING WELL FIELD AND WATER PUMPING STATION
- EXISTING RESERVOIR
- URBAN AREA BOUNDARY
- INDUSTRIAL ZONE AMENDMENT Nº 7

SCHEDULE "F"

TOWN OF MILTON

WATER SYSTEM

NOTE: INFORMATION CURRENT AS OF MAY 3, 82.

3.5 Halton Hills (Georgetown and Acton) Urban Areas

3.5.1 Background

In December, 1979, the Councils of the Region and the Town of Halton Hills authorized an Urban Areas Review for Georgetown and Acton. A joint Steering Committee provided direction for the study, which has been recently completed for Acton. However, the servicing information is not yet in a format suitable for inclusion in this Functional Plan, but when such information does become available, it will be a relatively easy matter to incorporate this material into this section. Further Regional Official Plan Amendments are anticipated in the near future to amend the Georgetown and Acton Urban Area boundaries.

3.5.2 Future Activities

i) Use, on an interim basis, existing engineering studies and reports including those completed for the Urban Areas Review, to extend and improve sanitary sewage and water distribution systems as required.

4. RURAL AREA

4.1 Assumptions

The population of the rural area is about 23,500 with an expected population of nearly 36,000 by 2001. The Hamlets are shown on Map 1: The Regional Concept in the Regional Official Plan. For the purposes of this document, the rural area comprises all areas not eligible for urban services.

Future non-farm residential development is encouraged by the Regional Plan to locate in Hamlets, Rural Clusters and on land found suitable for Rural Estate Residential developments. Sewage will be treated and water supplied for every new dwelling as well as other non-residential development in the rural area by private, individual sewage treatment systems and private, individual wells.

Communal servicing facilities for Hamlets can be examined to establish need and feasibility, but approval of such systems will require a specific Official Plan Amendment. Urban services are permitted in specific Hamlets by Regional Official Plan policies.

4.2 Sewage Treatment

4.2.1 Present Systems

Sewage treatment is presently by means of private sewage treatment systems of which the most common is a septic tank and tile field system.

4.2.2 Present Problems

The large majority of private waste disposal systems are working quite satisfactorily. There are, however, some areas of concern. In Milton Heights there are difficulties with septic tank fields due to the low infiltrative capacity of the soil and the relatively small lot sizes. A portion of the Hamlet of Glen Williams is subject to periodic flooding which has a pronounced effect on septic tank fields. There are areas of the Region that have soils with a low infiltrative capacity.

4.2.3 Future Requirements

Piped sewer services will not be used in the rural area except as provided in Official Plan policy. Sewage treatment will be by means of private individual sewage treatment systems. The design of private sewage treatment

systems will be in accordance with appropriate Provincial legislation and regulations, including Ontario Regulation 374/81 under The Environmental Protection Act, and in accordance with Regional standards and criteria.

Criteria for minimum lot sizes will be established and will take into consideration different infiltrative capacity of soils. In addition to this, minimum standards and guidelines will be established for private sewage treatment systems. These will include, but will not be limited to, evaluation of infiltrative capacity of soils, spacing between wells and septic tank fields, and procedures for processing applications for plans of subdivision and land severance where private treatment systems are involved.

4.2.4 Future Activities

i) Prohibit piped sanitary sewer services in the rural area except as provided in Official Plan policy.

ii) Require sewage treatment to be by means of private, individual sewage treatment systems.

iii) Require that the design of private sewage treatment systems will be in accordance with Provincial requirements including Ontario Regulation 374/81 under The Environmental Protection Act and in accordance with Regional standards and criteria.

iv) Establish minimum lot sizes and take into consideration the different infiltrative capacity of soils in this determination.

v) Establish procedures for processing applications for plans of subdivisions and land severance applications where private sewage treatment systems are involved.

4.3 Water Supply

4.3.1 Present System

Water supply for the large majority of home owners in the Rural Area is by means of private wells. The Hamlet of Campbellville has a communal well-water supply serving about 35 homes. A similar system serves about 20 homes in the

Highview subdivision on Cedar Springs Road just north of the Parkway Belt in Burlington. The Campbellville communal system is a Regionally owned and operated system, and was "inherited" by the Region when the Regional Government was formed. The Highview system is a privately owned and operated system, which is expected to be expanded and improved by a private developer as part of his obligations in developing the land.

Most if not all development in the Hamlet of Milton Heights is connected to the water feedermain serving the Town of Milton due to private well contamination resulting from septic tile field failures. Some development in the Hamlet of Glen Williams is connected to the Georgetown water system due to the failure of the private well water supply. Also connected to the Georgetown water system is some development in the Hamlet of Stewarttown and in the Hamlet of Norval.

4.3.2 Present Problems

Some homes have an insufficient well water supply and the home owners find it necessary to purchase water during periods of low well water supply. There is a portion of the existing developed area of the Hamlet of Glen Williams that is subject to flooding. This could result in contamination of private wells.

There are currently no minimum well water supply regulations for prospective water users.

There have been increasing levels of sodium chloride and calcium chloride (salt) observed in the communal water supply in Campbellville, and the situation is being carefully monitored.

4.3.3 Future Requirements

Minimum standards will be established, in co-operation with the Health Department, for private well water supply.

Hydrogeological studies may be required to establish the quantity and quality of ground water supply as part of the approval process for future development applications in the rural area. This requirement may be waived for individual severances depending upon site conditions and proposed uses. The Regional communal water supply system in Campbellville will not be expanded unless detailed studies prove to the Region that this would be necessary and feasible. The Region will attempt to deal with the problem of salt concentrations in this water supply.

4.3.4 Future Activities

i) Require private, individual wells for the rural area including Hamlets, Rural Clusters and Rural Estate Development, except where urban services are permitted by Official Plan policy.

ii) Require hydrogeological studies, as considered necessary, to establish quantity and quality of ground water supply.

iii) Maintain, operate and correct deficiencies in the existing Regional communal water supply system serving part of the Hamlet of Campbellville, but permit no future expansion of this system without an amendment to the Regional Official Plan.

5. GENERAL CONCERNS

5.1 Connections Outside the Urban Area

Watermains and sanitary sewers will not, as a general principle, be extended beyond the boundaries of the Urban and Waterfront Areas, with certain specific exceptions. These exceptions are set out in the policies of the proposed Official Plan Amendment.

Existing watermains extending from the Georgetown urban area serve the Hamlets of Norval, Stewarttown and Glen Williams. Future development within these Hamlets may proceed on the basis of connections to the piped water. However, this may eventually necessitate the extension of sanitary sewers to these Hamlets also. Such full urban servicing will permit urban lot sizes to be created over the long term. Therefore, it is necessary to anticipate having to treat sewage from these Hamlets developed at mature state densities. The capacity to treat this sewage must be currently reserved in the Georgetown sewage treatment plant.

The Hamlet of Milton Heights contains existing development connected to a water feedermain serving the Milton urban area. Limited development occurring as infilling within this Hamlet and abutting this main may be permitted to connect, but a major impediment may be encountered in meeting septic tile field design criteria.

As another general principle, no private connections will be permitted to existing or future reservoirs, trunk watermains or sanitary sewers that are situated outside the urban areas except to comply with relevant legislation or with existing agreements or as excepted by specific policies in the Regional Official Plan.

5.2. Information Management System

Within and outside the Regional offices there exists a considerable amount of data stored in various forms that has uses in the decision making processes of the Region. As examples, the Hydro-Electric Commissions have water billing data stored on their computer files and the City of Burlington has the water distribution system stored on their computer files. Assessment records contain the address of every residential dwelling and industrial and commercial site. This information is not currently correlated with the amount of water used and the particular sanitary sewer into which the effluent is discharged, and such information is very important in engineering decisions.

Essential information that is currently not available and which should be measured is the location and amount of extraneous water flow entering the sanitary sewer system. This extraneous flow contributes to flooding. If this flow were reduced it would defer to a later date the requirement to expand the water pollution control plants.

To make the most efficient use of existing and future data the Region will initiate at an early date an information management system involving the use of a centralized computer storage and retrieval system.

5.3 Water Conservation

The municipal supply of water and its subsequent treatment are costly. There is a limited amount of available ground water to serve the urban area of Milton. This limitation is less severe in Halton Hills (Georgetown and Acton).

In the urban area of the Town of Milton two major industries account for about 27% of the total urban water consumption, most of which is used for cooling purposes and discharged to the storm sewer system. A Regional study in Halton Hills (Georgetown) showed that about 13% of the total water used was discharged by industries in an uncontaminated state to the storm or sanitary sewer system. These flows represent an unnecessary demand upon the limited capacity of the aquifers from which this water is obtained. In addition, this uncontaminated process water imposes an unnecessary burden upon the WPCP's. The Region of Halton will begin programs to encourage conservation of water use, including recycling, within the Region for residential, industrial and commercial water users.

The conservation of water use when private, individual wells are involved should also be encouraged in order to make the most efficient use of groundwater in the rural areas.

5.4 Design of Regional Urban Services

As a general rule, Regional urban services within the Urban and Waterfront Areas will not be designed to serve any areas outside those areas eligible for urban services under the Regional Official Plan policies. Exceptions will only be permitted where a careful analysis of all costs and benefits to the Region, financial or otherwise, clearly demonstrates that it would be in the best interests of the Region to take future expansions of the Urban Areas into account in design of services.

To use an example, within the Burlington Urban Area urban services should be designed to meet the requirements of development up to Highway No. 5. However, the City of Burlington maintains that lands north of Highway No. 5 and south of the Parkway Belt (Alton Community) will eventually be developed with urban land uses. Such development may occur beyond the year 2001, the current time-span of the Regional Official Plan, and would first require a Regional Official Plan Amendment to expand the Burlington Urban Area. However, if a cost-benefit analysis showed that the Region would be further ahead by incorporating knowledge of such future development in current design of services south of Highway No. 5, then the Region should have the flexibility to do so.

The cost-benefit analysis would include non-monetary factors such as environmental considerations. These areas of environmental significance should be disturbed a minimum number of times, and it would be of benefit to the Region to design the services affecting the area to their ultimate capacity. This principle would be applicable even if "ultimate capacity" did not involve future Urban Area expansions. It is common practice, for example, to require developers to install oversized trunk mains to service their development in order that future developments within the Urban Area can be accommodated by an extension of those same trunks. Therefore, where Environmentally Sensitive Areas (E.S.A.'s) are affected, the Region will encourage a design adequate to meet the ultimate capacity requirements for that trunk. Where both water and sanitary sewer mains are proposed and affect E.S.A.'s, the Region will endeavour to install both at the same time to minimize disruptions to the E.S.A.'s.

5.5 Industrial Waste By-law

Quantities of heavy metals, in excess of the amount considered desirable, have been found in the sludge of water pollution control plants. Industries have been identified that contribute heavy metals, BOD and other loadings in excess of the Regional Industrial Waste By-law.

The Region of Halton will monitor sewage flow to identify industries that are discharging wastes that exceed the By-law limits and discharging contaminants that cannot be accepted in the sanitary sewage treatment process. The Region will require existing industries to stop discharging contaminants that cannot be accepted by the sanitary sewage treatment systems.

Those industries that discharge wastes in contravention of the By-law will be encouraged to take the necessary steps to discharge wastes that are within By-law limits by pretreating sewage to reduce its impact on sewage treatment facilities. The Region may permit those existing industries that cannot meet the By-law limits for their wastes to sign a Discharge Agreement, containing terms and conditions, financial or otherwise that are acceptable to the Region. This does not apply to industries that discharge contaminants which cannot be accepted in the sewage treatment process.

The Region will require industries wishing to locate or expand in the Region to have their processing procedures designed in such a manner that the By-law limits will not be exceeded. When the sanitary discharge of an industry is large compared to the capacity of the plant, the Region may require the signing of an agreement imposing greater restrictions than those imposed by the By-law.

5.6 Quality of Waters Receiving Treated Effluent

The water quality in receiving streams, in near-shore Lake Ontario waters and in Burlington Bay is of vital importance to the Region. The results of Provincial and other water quality testing will be monitored to ensure and maintain a high level of water quality. As population and densities increase, a greater loading of pollutants in these waters will result. Sewage treatment capacity must keep pace with the increased demands placed on the system in order that peak flows such as those during storms do not overload and bypass the treatment process, with harmful results on the quality of the water receiving this effluent.

Where feasible and in conjunction with Provincial and Federal government agencies, the concentrations of pollutants in the treated effluent will also be reduced.

5.7 Private Services Within Urban Areas

The issue of whether or not to permit development on private services under special circumstances within the Urban Areas has not yet been completely resolved. In some areas, partial urban servicing exists, and decisions must be made as to whether additional residential severances should be permitted in such areas. In other areas, no urban services exist but should be available in the very near future, and applications for temporary private facilities have been made. There are also the relatively infrequent cases where

the proponents of development do not want to connect to urban services for various reasons such as avoiding the capital costs of extending laterals across large properties, or to avoid the ongoing servicing charges.

More definitive guidelines are required to address these situations, but such guidelines would be too detailed for Official Plan policy. Therefore they will be prepared, and adopted by Regional Council as policy apart from the Official Plan.

The Regional Official Plan permits dry industrial development in the Acton, Georgetown and Milton Urban Areas on partial urban services (municipal water and private sewage treatment) or on full private services, where the specific areas and type of servicing proposed are set out in local Official Plans and in implementation schemes adopted by local and Regional Councils.

5.8 Development Limitations Imposed by Plant Capacities

The limitations imposed by the capacities of water purification or water pollution control plants to the amount of serviced development is especially important in the Milton and Halton Hills Urban Areas, where water supply is limited and the dilution and assimilation capacity of receiving streams is finite. The ability to increase capacity in the lake-based Urban Areas of Oakville and Burlington does not have such severe constraints. Nevertheless, for all the Urban Areas, the Region must translate the plant capacities into the amounts of development, both residential and non-residential, which can be serviced.

The formulas for translating plant capacities into actual numbers of dwelling units and amounts of non-residential development are determined in conjunction with the Ministry of the Environment and may vary between the Urban Areas. The variations can be due to such factors as historical differences in the per capita volumes of water consumption, variations in the age and condition of the systems, and differences in the type of treatment technology in place.

The Region must monitor proposed and approved development and allocate capacity remaining at the plants to such development proposals to ensure that when they are all constructed and "on-stream", the capacities of the plants are not exceeded.

5.9 Future Activities

i) Prohibit the extension of the sanitary sewage and water supply systems beyond the boundaries of the Urban and Waterfront Areas, with exceptions specified in Official Plan policy.

ii) Prevent development outside the urban areas from connecting to the sanitary sewage and water systems within these areas, except as provided in Official Plan policy.

iii) Prevent private connections to existing and future trunk watermains, sewers and water reservoirs that are situated outside the urban areas except to comply with relevant legislation and with existing agreements and Official Plan policy.

iv) Initiate an information management system.

v) Initiate programs to encourage conservation of water use, including recycling, for residential, commercial and industrial water users.

vi) Design urban services to meet the requirements of only thse areas permitted to be serviced by policies of the Official Plan, except where detailed evaluation demonstrates that the Region would be prudent to include future expansions of the Urban Area in its design considerations.

vii) Minimize the number of disturbances to Environmentally Sensitive Areas affected by the provision of urban services, by considering and if necessary implementing integrated construction plans for both water and sanitary sewage services, and by currently designing the urban services affecting such areas to as close as is feasible to their ultimate capacity.

viii) Monitor sewage flow to identify industries that are discharging wastes at levels that exceed By-law limits and contaminants that cannot be accepted by the sewage treatment process.

ix) Require existing industries to stop discharging contaminants that cannot be accepted by the sewage treatment process.

x) Require those existing industries that cannot meet the By-law limits for their waste discharges to sign an agreement to compensate the Region for the additional cost the industries impose upon the sewage treatment facilities as a result of the contraventions. This arrangement cannot be made if the Region does not possess the necessary plant capacity, nor does it apply to contaminants that cannot be accepted by the sewage treatement or sewerage system.

xi) Require future industries wishing to locate in the Region to have their processing procedures designed in such a manner that the By-law limits will not be exceeded.

xii) Pursue the development and implementation of a long-term Regional sewage sludge management program.

xiii) Monitor the water quality of waters receiving treated effluent to ensure maintenance of high quality and to determine the capacity of the waters for receiving this effluent.

xiv) Protect the quality of waters receiving treated effluent by providing adequate treatment plant capacity and by reducing the concentration of pollutants in the effluent, in consultation with Provincial and Federal agencies where appropriate.

xv) Develop and adopt rural and urban servicing guidelines to set out Regional policy at a level of detail not appropriate for inclusion in the Official Plan, but which is necessary to complement and/or implement Official Plan policy.

xvi) As part of the Urban Servicing Guidelines, establish guidelines for permitting development in Urban Areas on partial or private services.

xvii) Permit dry industrial development in the northern Urban Areas on partial or private services where the specific areas and type of servicing is set out in local Official Plans and in implementation schemes adopted by Local and Regional Councils.

xviii) Monitor the servicing requirements of proposed and approved development in terms of allocations of water purification and water pollution control plant capacities to ensure that total capacities are not exceeded.

xix) Recognize that the methods of translating the capacities of water purification and water pollution control plants into actual numbers of dwelling units and amounts of non-residential development may vary for each Urban Area, and that such methods shall be determined in conjunction with the Ministry of the Environment after consultation with the Area Municipalities.

6. REFERENCES

Burlington

Burlington Sanitary Sewer Study, 1979, prepared by the Proctor and Redfern Group for the Regional Municipality of Halton.

Report of Effects of New Development and Infilling on the Burlington Water Purification Plant Expansions and Water Distribution System, DB-063, 1981, prepared by Simcoe Engineering Limited for the Regional Municipality of Halton.

Report on the City of Burlington Water Distribution System, 1977, prepared by Simcoe Engineering Limited for the Regional Municipality of Halton.

Report on Proposed Water Purification Plant Expansion, PR-231, 1976, prepared by Simcoe Engineering Limited for the Regional Municipality of Halton.

Hydrogeological Investigation for the Hamlet of Kilbride, 1980, prepared by Hydrology Consultants Limited for the Regional Municipality of Halton.

Milton:

Milton Sanitary Sewerage System Study, 1979, prepared by R.V. Anderson Associates Limited for the Regional Municipality of Halton.

Milton Water Study, 1977, prepared by R.V. Anderson Associates Limited for the Regional Municipality of Halton.

Ground Survey Town of Milton, 1978, prepared by International Water Consultants Limited, for the Regional Municipality of Halton.

Feasibility Study for Milton and Halton Hills (Acton) Water Pollution Control Plants, 1978, prepared by Pollutech Limited for the Regional Municipality of Halton.

Milton 401 Industrial Park Implementation Policy, 1981, prepared by R.V. Anderson Associates Limited for the Regional Municipality of Halton, and the Town of Milton.

Oakville:

Town of Oakville South-East Area Study Sanitary and Water Servicing PR-270, 1981, prepared by Gore & Storrie Limited for the Regional Municipality of Halton.

Report on the Sanitary Sewerage System in the Town of Oakville, 1976, prepared by Gore & Storrie Limited for the Regional Municipality of Halton.

Report on the Town of Oakville Water Distribution System, 1981, prepared by Simcoe Engineering Limited for the Regional Municipality of Halton.

A Report on the Oakville Water Distribution System Update Study 1979, prepared by Marshall Macklin and Monaghan for the Regional Municipality of Halton.

Region:

Halton Rural Servicing Study, 1979, prepared by Underwood McLellan (1977) Limited for the Regional Municipality of Halton.

The Regional Plan, Regional Municipality of Halton, August 1980 Consolidation.

APPENDIX 2

Public Consultation

The public consultation program undertaken to date has consisted of three public meetings which were advertised in local newspapers as can be seen from the following pages. These meetings were held in November and December of 1980 to obtain public input on the Draft Sanitary Sewerage and Water Plan (October 1980).

The input received at these meetings plus that from agencies circulated was used to prepare the updated version of this document, which is now titled the Halton Region Functional Sanitary Sewage Disposal and Water Supply Plan and forms Appendix 1 to this Official Plan Amendment No. 2.

The details of this Amendment No. 2 were then formulated, based on responses to the circulation, input from the public meetings, Appendix 1 and Staff and Council input.

A further circulation was carried out in December, 1981, and an additional public meeting was held prior to Council adoption of this Amendment No. 2. The attached material is documentation of the public consultation process.

THE REGIONAL MUNICIPALITY OF HALTON

Report to: Councillor R. Planche, Chairman and Members of the Public Works Committee - and - Councillor R. Booth, Chairman and Members of the Planning Committee — Date: 80 09 29

From: Director of Regional Planning - and - ~~Director of Public Works.~~ — Report No. D.R.P. 132/80 ~~P.W. 164/80~~

Re: Proposed Regional Official Plan Amendment: Draft Sanitary Sewerage and Water Plan for the Halton Planning Area (Under Separate Cover)

Mr. Chairman and Members:

RECOMMENDATIONS

1. That the Draft Sanitary Sewerage and Water Plan for the Halton Planning Area be distributed to the Area Municipalities, Provincial Agencies, interested persons, and the general public, for comments.

2. That the staff be authorized to advertise and hold public meetings in the Area Municipalities to inform the public and receive comments on the Draft Sanitary Sewerage and Water Plan.

3. That Staff analyze all comments received and revise the Draft Sanitary Sewerage and Water Plan accordingly.

4. That the revised Draft Sanitary Sewerage and Water Plan for the Halton Planning Area be used as a basis for the preparation of a formal amendment to the Regional Official Plan to be adopted by Regional Council and submitted to the Minister of Housing for approval.

REPORT

Work began on the Sanitary Sewerage and Water Plan on August 1, 1977 following approval of funds by C.M.H.C. These funds matched by regional funds, were provided to pay for the completion of certain sewage and water studies which had either been completed or were underway, as well as new studies. In total, twenty studies were completed by consulting engineering firms for the five Urban Areas of Halton - for each Urban Area, on these topics: Water Supply, Water Distribution, Sanitary Sewage Collection and Sanitary Sewage Treatment. An additional investigation was commissioned to make recommendations relative to sewerage and water services for the Rural Area.

The Regional Official Plan, approved on August 1, 1980, identifies a policy requiring a phasing scheme for the provision of sanitary sewerage and water services to be incorporated into the Regional Plan. To comply with this requirement, the Draft Sanitary Sewerage and Water Plan was

prepared, using the results of the engineering studies, together with additional information in the Region's files. This Draft Plan deals with the provision of sewerage and water services for the Urban areas of Burlington, Oakville and Milton and the Rural Area until the year 2001.

The Plan for Sewer and Water services for the Acton and Georgetown Urban Areas has been deferred at this time since this matter is under an in depth review by the Halton Hills Urban Areas Review Committee. On the completion of this review by the Committee (Scheduled for 1981), final recommendations concerning the provision of sanitary and water services for the Acton and Georgetown Urban Areas will be incorporated into this servicing plan for the Halton Planning Area. In the meantime, the Public Works Department will continue to use existing engineering studies as a basis for servicing Acton and Georgetown.

The Draft Sanitary Sewerage and Water Plan will be distributed to Area Municipalities, Provincial Agencies, interested persons, and the general public for formal comments. Arrangements will be made for advertising and holding the necessary public meetings to inform the public and receive comments. Staff will analyze the comments received and will revise the Draft Sanitary Sewerage and Water Plan accordingly. The revised Sewerage and Water Plan will then be submitted to Regional Council for adoption and subsequently to the Ministry of Housing as a formal Regional Official Plan Amendment. A slide presentation will be made to the Committees.

Respectfully submitted,

R. Mohammed,
Director of Regional Planning.

R.W.J. Moore, P. Eng.,
Director of Public Works.

RM:mab

The Council
Regional Municipality of Halton

Date: October 15, 1981 Number: _____

Resolution

Moved by: L. Mannell Seconded by: W. Mulkewich

1. THAT the Draft Sanitary Sewerage and Water Plan for the Halton Planning Area be distributed to the area municipalities, provincial agencies, interested persons, and the general public, for comments.

2. THAT the staff be authorized to advertise and hold public meetings in the area municipalities to inform the public and receive comments on the Draft Sanitary Sewerage and Water Plan.

3. THAT staff analyze all comments received and revise the Draft Sanitary Sewerage and Water Plan accordingly.

4. THAT the revised Draft Sanitary Sewerage and Water Plan for the Halton Planning Area be used as a basis for the preparation of a formal amendment to the Regional Official Plan to be adopted by Regional Council and submitted to the Minister of Housing for approval.

CERTIFIED A TRUE COPY
REGIONAL MUNICIPALITY OF HALTON
Regional Clerk

J. N. Raftis
CHAIRMAN

3707.1 file

THE REGIONAL MUNICIPALITY OF HALTON

Report to: Councillor R. Planche, Chairman and Members of Public Works Committee - and - Councillor R. Booth, Chairman and Members of Planning Committee — Date: 80 10 31

From: Director of Regional Planning / Director of Public Works. — Report No.: D.R.P. 146/80 ~~PW 191/80~~

Re: Proposed Regional Plan Amendment
Draft Sanitary Sewerage and Water Plan
for the Halton Planning Area; Public Meetings

Mr. Chairman and Members:

As directed by Council 1980 10 15 arrangements are being made to advertise and hold public meetings dealing with The Sanitary Sewerage and Water Plan as follows:

November 27, 1980, 7:30 p.m.	Central Park Senior Recreation Centre, 2285 New Street, Burlington, Ontario.
December 2, 1980, 7:30 p.m.	Oakville Public Library, 120 Navy Street, Oakville, Ontario.
December 4, 1980, 7:30 p.m.	Milton Central Library, 45 Bruce Street, Milton, Ontario.

Advertisements for the public meetings will be placed in The Burlington Post, the Oakville Journal, Milton Champion and The Hamilton Spectator.

Arrangements are also being made to print 400 copies of the Plan which will be distributed to the Area Municipalities, to other municipalities adjacent to Halton, Federal and Provincial agencies, and the local libraries. Copies will also be made available to the public, on request.

Respectfully submitted,

R.W.J. Moore, P. Eng.,
Director of Public Works.

R. Mohammed,
Director of Regional Planning.

RFM:mab

Champion
Nov 19/80

PUBLIC NOTICE

HALTON RESIDENTS

YOU ARE INVITED TO ATTEND A

PUBLIC MEETING

ON

PROPOSED REGIONAL PLAN AMENDMENT

DRAFT SANITARY SEWERAGE AND WATER PLAN FOR THE HALTON PLANNING AREA

AT

CENTRAL PARK SENIORS RECREATION CENTRE
2285 New Street, Burlington
THURSDAY, NOVEMBER 27, 1980 AT 7:30 P.M.

AND

OAKVILLE PUBLIC LIBRARY
120 Navy Street North, Oakville
TUESDAY, NOVEMBER 2, 1980 AT 7:30 P.M.

AND

MILTON CENTRAL LIBRARY
45 Bruce Street, Milton
THURSDAY, DECEMBER 4, 1980 AT 7:30 P.M.

A copy of the plan may be obtained by calling 827-2151, ext. 368 from Burlington, Oakville and Milton, and 878-8113 ext. 368 from Halton Hills.

REGIONAL MUNICIPALITY OF HALTON

MINUTES OF MEETING

SEWERAGE AND WATER PLAN

DATE: Thursday, November 27, 1980

TIME:

PLACE: Central Park Seniors Recreation Centre
Burlington, Ontario

There were only about eight to ten people present from the public and the rest of the audience was made up of staff and elected representatives of the people.

The meeting was chaired by Mr. Roy Booth. Jim Johnson was also there together with Jack Raftis. After the presentation was made, Roy Booth received questions from the floor and the following is a synopsis of the questions and their answers.

One woman was concerned about the excessive water treatment costs and that developers were not paying their fair share.

Bob Moore explained front-ending costs that are being paid by Genstar and Don Farmer advised that $1,000,000 was received this year from developers with an anticipated $2,000,000 next year.

Another man was concerned about the 28% increase and the large water bill he received for July and August, most of which was used for lawn watering and did not go to the sewer.

Jack Raftis explained that a minimum of 10,000 would in place next year and large bills like this man received this year should not happen next year.

Another man complained about the $600,000 short fall in sewers.

Jack Raftis explained the costs of operating these plants are very high and in addition to this, the capital costs of the plant

expansions were also high. This is made worse by inflation and in addition, Federal contributions of 18% were removed. Jack said that representation is made to the Federal Government to reconsider removing the 18% grant. The M.O.E. grant of 15% is still in place.

One woman wanted to know where north Burlington got their water prior to the present. The answer was that before they received the water distribution system the water was obtained from wells.

Bob explained the water distribution system using the map to the people present.

A couple who were pensioners complained about the surcharge and also about the eduction tax that they have to pay.

Jack Raftis explained again about user pay and tried to point out to the people that they only paid for the water that they used. Roy Booth explained that the sewer surcharge is not a surcharge but a charge for the use of the sewers which was not separated from the tax bill in the past.

One man felt the surcharge was not necessary for the downtown section as the developer had already paid for the installation of services.

Jack Raftis explained that Genstar front-ended $18,300,000 for water intakes, water maintenance and other large expenditures connected with development. Jack also explained capital contribution.

Another woman wondered if Halton Hills is connected to the water supply and water treatment facilities near the lake.

Roy Booth said that there was no interconnection now nor are any expected prior to 2001 and that this was bought out in the presentation that had just been made.

One man thought all sewage treatment costs were the same.

Bob Moore explained that this was not the case, as in Milton as well as for the other two northern plants, a higher degree of treatment is necessary because of the limitations of the receiving streams. This higher degree of treatment is known as tertiary treatment.

Roy Booth at about 8:50 suggested that the meeting break up into groups and invited all the people there to have some coffee.

RFM

RFM:nd

1980 12 10

REGIONAL MUNICIPALITY OF HALTON

PUBLIC WORKS DEPARTMENT

MEMO TO FILE

Re: Public Meeting Relative to the Sewerage and Water Plan at Oakville Library Held on 1980-12-02

The following are the minutes and some of the questions that were asked.

Jack Thompson - Was concerned that the South West Water Pollution Control Plant would be undersize by virtue of the fact that it would be receiving effluent from the south west trunk together with the flow from the existing built up area. Bob Moore explained that the proposed south west trunk would only carry the effluent to the South West Plant on an interim basis. After the Mid-Halton plant was constructed, treated water will flow to the south west trunk and be discharged directly to the lake and would not go to the S.W.W.P.C.P.

Mr. Dewar - Was concerned the policies do not address the funding of the costs of future development. Bob Moore explained that by a motion of Council new development shall be at no cost to the existing citizens. A financial study is now underway. Mr. Dewar was asked to include his concerns at the back of the Agenda and turn it in.

Mrs. Wilson - Asked about the phasing scheme and the pressure systems as she appeared to not understand what is the difference between the two of them. Bob Moore explained that the phasing schemes and the pressure zones were completely independent. The phasing scheme was determined by the Planning Department to try to identify the best directions and the timing of growth in Oakville. The pressure zones are predicated by the ground elevations.

At the beginning of the meeting, Mr. Roy Booth said that the purpose of the meeting was not to discuss the sewer and water rates but was to discuss the Regional Plan. As a consequence there were no questions dealing with the sewer and water rates.

After these questions were taken care of, Roy Booth invited everybody to have a cup of coffee and said that the staff would be pleased to answer any questions.

RFM

R. F. MacMillan

RFM:nd

THE
REGIONAL
MUNICIPALITY
OF
HALTON

RESOLUTION NO. _____

DATE December 2, 1981

Moved by: B. CLEMENTS

Seconded by: R. BIRD

1. THAT the Regional Clerk be instructed to circulate proposed Regional Official Plan Amendment No. 2 (Sanitary Sewage Disposal and Water Supply Policies) to Area Municipal Councils, to Councils of Municipalities abutting Halton Region, and to Provincial agencies with a request for comments to be returned by January 29, 1982.

2. THAT further to recommendation No. 1 above, staff be instructed to analyze all comments received, and revise the proposed Official Plan Amendment No. 2 accordingly, for adoption by Regional Council, to be subsequently forwarded to the Minister of Municipal Affairs and Housing for approval.

3. THAT in order to meet the legal requirements of the official plan amendment process, the meeting of the Planning and Public Works Committee at which the revised version of O.P.A. No. 2 is considered for adoption be advertised in local newspapers in the Region as a public meeting, and the Regional Clerk is hereby authorized to place such advertisements.

4. THAT staff be authorized to prepare in draft form the Urban Servicing Guidelines and Rural Servicing Guidelines required in proposed Official Plan Amendment No. 2, which are to be brought forward for the information of Regional Council at the same time as the revised version of Official Plan Amendment No. 2 is brought forward for adoption.

5. THAT the cost analysis relating to Official Plan Amendment No. 2 be prepared in sufficient time to enable its circulation to Area Municipal Councils.

CERTIFIED A TRUE COPY
REGIONAL MUNICIPALITY OF HALTON
.....
Regional Clerk

"J.N. RAFTIS"
REGIONAL CHAIRMAN